



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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PATENT

#9

MDJ

5-08-03

Applicant : Alan C. Crumb
Application No. : 09/732,978
Filed : December 7, 2000
Title : PULSE POSITION MODULATED DUAL
TRANSCEIVER REMOTE CONTROL
Grp./Div. : 2635
Examiner : Matsuichiro Shimizu
Docket No. : 49959/GSL/A781

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Technology Center 2600

RESPONSE TO OFFICE ACTION

Assistant Commissioner for Patents
Washington, D.C. 20231

Post Office Box 7068
Pasadena, CA 91109-7068
April 28, 2003

Commissioner:

In response to the Office action mailed February 13, 2003 please consider the following remarks:

REMARKS

Reconsideration of the application is respectfully requested. Currently claims 1-16 are pending in the application. No claims have been amended.

Claims 1, 2, 5 and 9 have been rejected as allegedly obvious over Hatcher in view of Wang et al. This rejection is respectfully traversed. Claim 1 recites a remote-operated control system having a master-control unit and a remote-control unit capable of radio transmission therebetween for use with a pool or spa comprising the remote-control unit including a first pulse position modulated